

Monsanto

156651

CONFIDENTIAL

FROM  
(NAME-LOCATION-PHONE) Sarah Gainer Collins -- G4NF -- 8586

DATE : October 21, 1980 cc: C. P. Cunningham  
H. W. Curtis  
SUBJECT : FACT SHEET ON W.G. KRUMMRICH/DEAD CREEK P. E. Heisler  
P. S. Park  
REFERENCE : J. J. Spano  
TO : W. N. Brasfield  
J. W. Molloy  
W. B. Papageorge

Attached is the final draft of the Dead Creek fact sheet. Minor changes were made including the dates of the concrete plug and Monsanto landfill capping.

Once the sampling reports are completed, a final paragraph should be added explaining results of the IEPA split sample.

*Sarah*

Sarah Gainer Collins

pa  
Attachment

CER 008162

IN - 10 (REV. 8/77)

W. G. KRUMMRICH WASTE DISPOSAL (with map)HISTORY OF PLANT

Monsanto Company purchased the original site of the W. G. Krumrich Plant in Sauget, Ill., in 1917. It is named in honor of a former plant manager. Fewer than 100 employees worked at the 30-acre plant site when it was acquired from the Commercial Acid company. Today the plant stretches over 328 acres, employing more than 1,400 persons with an annual payroll of \$32 million. Of the total employees, 75 percent live in Illinois. The plant manufactures a variety of intermediate chemicals which are important to many industries.

BACKGROUND ON WATER RUNOFF

Back in the early 1900s, Dead Creek started somewhere north, flowed through the industrialized Granite City district, and emptied into the Mississippi River, about five miles south of the area now called Sauget. Dead Creek carried rain water runoff from north of East St. Louis along with domestic and industrial waste water. When Monsanto bought the chemical acid plant in 1917, the creek entered the property on the north side and flowed southward through the plant site. We believe it is safe to assume that industrial waste entered the creek bed throughout its length in those early times.

CER 008163

CONFIDENTIAL 82-01-234-1133

FINAL DRAFT

John J. Spano

Oct. 20, 1980

Page 2

The village of Sauget was incorporated in 1926. In 1933, the Sauget village sewer system was completed. After 1933, all effluent from the plant flowed into the village sewer system. However, during infrequent floods and unusually heavy rainfall, the storm water runoff washed throughout the area, and could have flowed toward the creek.

In 1935, the creek was dredged between Monsanto's plant and Queeny Avenue, and sometime later the portion in the plant was filled in. This occurred shortly after Queeny Avenue was relocated two blocks southward to its present site. A culvert running under Queeny Avenue to the creek was blocked by the Village of Sauget, stopping the runoff flow southward. In 1968, a concrete plug was poured in the culvert to permanently seal the outlet, stopping any runoff flow completely to the south.

#### PLANT WASTE DISPOSAL

Currently and in recent years, industrial wastes from the Krumrich plant are either handled by contract landfill or contract incineration, or in-plant incineration. Solid non-liquid wastes are sent to an Illinois EPA-approved landfill. Concentrated liquid wastes are shipped to incinerator sites operated by Rollins Environmental Services.

Although no records exist, it is known that in the early times (1917 to the 1930s), the plant disposed of its wastes in a commercial landfill operated by Leo Sauget in the area around the Sauget Village Hall near Queeny and Nickel Avenues. This landfill was filled and covered by the operator.

CER 008164

From 1938-1951, wastes were disposed of primarily on plant-owned property, either at the site of the present Cooper plant or a landfill west of Highway 3.

From 1951-1978, we operated our own landfill on a 20-acre company-owned tract east of our existing river terminal. This site was covered and clay-capped in 1979.

SAMPLING PROGRAM

Monsanto, as a responsible industrial citizen of the community, is concerned about Dead Creek. We offered to cooperate with the Illinois EPA and share samples to help develop facts concerning safety of the area. We are hopeful that our assistance will help resolve the situation.

CER 008165